

tions. For example, the logic subsystem may be configured to execute one or more instructions that are part of one or more applications, services, programs, routines, libraries, objects, components, data structures, or other logical constructs. Such instructions may be implemented to perform a task, implement a data type, transform the state of one or more devices, or otherwise arrive at a desired result.

[0052] The logic subsystem may include one or more processors that are configured to execute software instructions. Additionally or alternatively, the logic subsystem may include one or more hardware or firmware logic machines configured to execute hardware or firmware instructions. Processors of the logic subsystem may be single core or multicore, and the programs executed thereon may be configured for parallel or distributed processing. The logic subsystem may optionally include individual components that are distributed throughout two or more devices, which may be remotely located and/or configured for coordinated processing. One or more aspects of the logic subsystem may be virtualized and executed by remotely accessible networked computing devices configured in a cloud computing configuration.

[0053] Data-holding subsystem **504** may include one or more physical, non-transitory, devices configured to hold data and/or instructions executable by the logic subsystem to implement the herein described methods and processes. When such methods and processes are implemented, the state of data-holding subsystem **504** may be transformed (e.g., to hold different data).

[0054] Data-holding subsystem **504** may include removable media and/or built-in devices. Data-holding subsystem **504** may include optical memory devices (e.g., CD, DVD, HD-DVD, Blu-Ray Disc, etc.), semiconductor memory devices (e.g., RAM, EPROM, EEPROM, etc.) and/or magnetic memory devices (e.g., hard disk drive, floppy disk drive, tape drive, MRAM, etc.), among others. Data-holding subsystem **504** may include devices with one or more of the following characteristics: volatile, nonvolatile, dynamic, static, read/write, read-only, random access, sequential access, location addressable, file addressable, and content addressable. In some embodiments, logic subsystem **502** and data-holding subsystem **504** may be integrated into one or more common devices, such as an application specific integrated circuit or a system on a chip.

[0055] FIG. **5** also shows an aspect of the data-holding subsystem in the form of removable computer-readable storage media **510**, which may be used to store and/or transfer data and/or instructions executable to implement the herein described methods and processes. Removable computer-readable storage media **510** may take the form of CDs, DVDs, HD-DVDs, Blu-Ray Discs, EEPROMs, and/or floppy disks, among others.

[0056] It is to be appreciated that data-holding subsystem **504** includes one or more physical, non-transitory devices. In contrast, in some embodiments aspects of the instructions described herein may be propagated in a transitory fashion by a pure signal (e.g., an electromagnetic signal, an optical signal, etc.) that is not held by a physical device for at least a finite duration. Furthermore, data and/or other forms of information pertaining to the present disclosure may be propagated by a pure signal.

[0057] The terms “module” and “program” may be used to describe an aspect of computing system **500** that is implemented to perform one or more particular functions. In some

cases, such a module and/or program may be instantiated via logic subsystem **502** executing instructions held by data-holding subsystem **504**. It is to be understood that different modules and/or programs may be instantiated from the same application, service, code block, object, library, routine, API, function, etc. Likewise, the same module and/or program may be instantiated by different applications, services, code blocks, objects, routines, APIs, functions, etc. The terms “module” and “program” are meant to encompass individual or groups of executable files, data files, libraries, drivers, scripts, database records, etc.

[0058] It is to be appreciated that a “service”, as used herein, may be an application program executable across multiple user sessions and available to one or more system components, programs, and/or other services. In some implementations, a service may run on a server responsive to a request from a client.

[0059] Display subsystem **508** may be used to present a visual representation of data held by data-holding subsystem **504**. As the herein described methods and processes change the data held by the data-holding subsystem, and thus transform the state of the data-holding subsystem, the state of display subsystem **508** may likewise be transformed to visually represent changes in the underlying data. Display subsystem **508** may include one or more display devices utilizing virtually any type of technology, including but not limited to see-through display technologies. Such display devices may be combined with logic subsystem **502** and/or data-holding subsystem **504** in a shared enclosure, or such display devices may be peripheral display devices.

[0060] When included, communication subsystem **506** may be configured to communicatively couple computing system **500** with one or more other computing devices. Communication subsystem **506** may include wired and/or wireless communication devices compatible with one or more different communication protocols. As nonlimiting examples, the communication subsystem may be configured for communication via a wireless telephone network, a wireless local area network, a wired local area network, a wireless wide area network, a wired wide area network, etc. In some embodiments, the communication subsystem may allow computing system **500** to send and/or receive messages to and/or from other devices via a network such as the Internet.

[0061] It is to be understood that the configurations and/or approaches described herein are exemplary in nature, and that these specific embodiments or examples are not to be considered in a limiting sense, because numerous variations are possible. The specific routines or methods described herein may represent one or more of any number of processing strategies. As such, various acts illustrated may be performed in the sequence illustrated, in other sequences, in parallel, or in some cases omitted. Likewise, the order of the above-described processes may be changed.

[0062] The subject matter of the present disclosure includes all novel and nonobvious combinations and sub-combinations of the various processes, systems and configurations, and other features, functions, acts, and/or properties disclosed herein, as well as any and all equivalents thereof.

1. A mobile computing device, comprising:
 - a sensor subsystem comprising an image sensor;
 - a display subsystem;
 - a logic subsystem configured to execute instructions; and